



Becky Dawes  
Procurement Director

### **Patterson 200HP VT Mixed Flow PUMP 24 x 30 SAFV**

Aiken County Government is soliciting sealed bids, Bid 16-10-B, for the following and price breakdown for each line item for the pump repair and bowl assembly at Aiken County Public Service Authority located at 70 PSA Road, Beech Island, SC 29842. . Individual unit prices are required. The crane for removal and installation will be provided by the Aiken County Public Service Authority.

**This bid will be awarded to only one vendor and not by section.**

- Stainless class II fasteners are required.
- Column piping is flanged and consist of three sections. 8' is the longest piece.
- The pump shaft is 416SS. Preferred material.
- The motor shaft is not included in this bid.
- All bushings are constructed out of bronze.
- Shaft couplings are made of 410SS
- Graphite impregnated packing is required.
- The pump does not contain wear rings. It is an open impeller design and the casing is cast. Build up casing if needed. Liner is not acceptable.
- The parts must meet manufacturer specifications but they don't have to come from pump manufacturer.
- Coat the impellers with arcor epoxy or equivalent and touch up after balancing.
- Balance impeller to 4w/n after application of arcor epoxy or equivalent and touch up after balancing. Provide a balance report.
- The bid consist of the entire assembly: Bottom bowl assembly, discharge head, enclosed lineshaft, shafting and column pipe.



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**Bid on repair of Patterson 200 HP VT PUMP**

Transport to repair facility and back to the Aiken County PSA \_\_\_\_\_

Provide report on as found and shipped \_\_\_\_\_

Blast/Clean/Paint \_\_\_\_\_

Replace fasteners as required \_\_\_\_\_

Replace/Rework Pump Shaft \_\_\_\_\_

Replace/Rework Line Shaft \_\_\_\_\_

Replace Bushings \_\_\_\_\_

Replace Shaft Couplings \_\_\_\_\_

Replace Lip Seals \_\_\_\_\_

Replace Packing Sleeve \_\_\_\_\_

Inspect/Repair Packing Gland \_\_\_\_\_

Replace Packing \_\_\_\_\_

Replace Gaskets \_\_\_\_\_

Assembly and Labor charges \_\_\_\_\_

Provide a complete repair report, including vibration analysis \_\_\_\_\_

Any additional parts and labor that may be required at an  
additional charge (Labor rate and % mark-up on parts) \_\_\_\_\_

**Cost of Pump Repair** \_\_\_\_\_

Any warranty given on work performed \_\_\_\_\_



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**Bid on repair of Patterson 200 HP VT Bowl Assembly**

Transport to repair facility and back to The Aiken County PSA \_\_\_\_\_

Provide report on as found and shipped \_\_\_\_\_

Blast/Clean/Paint \_\_\_\_\_

Replace fasteners as required \_\_\_\_\_

Repair/Replace Pump shaft \_\_\_\_\_

Replace Bearings \_\_\_\_\_

Replace Wear Rings \_\_\_\_\_

Replace Lip Seals \_\_\_\_\_

Coat impeller with Epoxy \_\_\_\_\_

Balance Impeller \_\_\_\_\_

Replace Gaskets \_\_\_\_\_

Assembly and Labor charges \_\_\_\_\_

Provide a complete repair report, including vibration analysis \_\_\_\_\_

Any additional parts and labor that may be required at an  
additional charge (Labor rate and % mark-up on parts) \_\_\_\_\_

**Cost of Bowl Assembly** \_\_\_\_\_

Any Warranty given on work performed \_\_\_\_\_

**Grand Total to include Pump Repair & Bowl Assembly** \_\_\_\_\_

**Bid will be awarded to one vendor based on Grand Total Price**